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PHOTOGRAPHIC INTERPRETATION REPORT

SUMMARY



Declass Review, NIMA/DoD

[REDACTED]

25X1A

[REDACTED]

MISSION 5518

16 JUNE 1966

NPIC/R-207/66

JULY 1966

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W A R N I N G

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PREFACE

This summary report contains additional information on "new" and "change" targets and order of battle information on all targets listed in the index (MI) for this mission.

Items are arranged in sections.

The "New" section provides a description of targets newly identified or known but reported for the first time by NPIC.

The "Change" section provides a description of previously reported installations showing a major change, or those where an analysis of current photography furnishes more precise information.

The "Order of Battle" section provides information on targets where order of battle can be identified.

When there are no "New" or "Change" targets, or order of battle information, the appropriate section is omitted.

"New" and "change" targets are arranged 1) by country, 2) within the country according to subject, 3) within the subject by WAC area, and 4) within the WAC area by geographic coordinates in ascending order. Order of battle information is arranged 1) by subject, 2) within the subject according to country, 3) within the country by WAC area, and 4) within the WAC area by geographic coordinates in ascending order.

Map base used for derivation of coordinates is the best available among these series: US Air Target Chart, Series 200; AMS; ONC; or DIA JOG, 1:250,000.

The header line for each target contains, reading from left to right, the target name, the geographic coordinates,

the World Aeronautical Chart number, the Bombing Encyclopedia (BE) number, and the NPIC target number.

The COMOR target number, when available, appears above the photo reference data.

Photo reference data includes frame numbers and symbols denoting limiting conditions, photo interpretability, target coverage, and the mode.

Symbols for limiting conditions affecting photography are C (Clear), SC (Scattered Cloud Cover), HC (Heavy Cloud Cover), H (Haze), CS (Cloud Shadow), S (Snow), O (Obliquity), SD (Semidarkness), GC (Ground Cover), CF (Camouflage), and GR (Ground Resolution).

Interpretability of the photography is categorized as G (Good), F (Fair), and P (Poor). Target coverage is denoted by the symbols T (Total) or PT (Partial). The mode of coverage is indicated by ST (Stereo), NS (Non-Stereo), or PS (Partial Stereo).

When appropriate, an index follows "new" and "change" targets and another follows order of battle information, with targets in each index arranged alphabetically within a country.

AAA defenses are divided into three categories: light (ZPU-1, ZPU-2, ZPU-4, 37 mm), medium (57 mm, 85mm), and heavy (100 mm and larger). The term HMGAA (heavy machine gun antiaircraft) indicates a weapon smaller than a ZPU-1. Where a category cannot be determined, the site will be listed as an AAA site and the number of guns indicated (example: 6-gun AAA site, occupied/unoccupied).

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THIS SECTION PROVIDES A DESCRIPTION OF NEW TARGETS.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>NORTH VIETNAM-</p> <p>MILITARY INSTALLATIONS</p> <p>VINH YEN VEHICLE MAINTENANCE AREA 1-2 NM NW OF VINH YEN AT UTM WJ601572. AREA CONTAINS 10 VEHICLE MAINTENANCE, 1 MESSHALL, AND 3 SUPPORT BUILDINGS. OB -- 2 CARGO TRUCKS AND 6 UNIDENTIFIED PIECES OF EQUIPMENT. [REDACTED] 25X1D</p> <p>BASIC SERVICES</p> <p>VAN DINH PONTOON BRIDGE 5.2 NM NNE OF VAN DINH AT UTM WH901937. PONTOON BRIDGE FOR FOOT AND LIGHT VEHICULAR TRAFFIC OBSERVED ACROSS A CANAL. [REDACTED] 25X1D</p> <p>STORAGE</p> <p>VINH YEN POL STORAGE AREA ADJACENT TO VINH YEN RAILROAD YARD AT UTM WJ627563. AREA CONSISTS OF 6 VERTICAL POL TANKS AND 15 STORAGE BUILDINGS. [REDACTED] 25X1D</p>	<p>—</p> <p>2119N 10534E</p> <p>2044N 10552E</p> <p>2118N 10536E</p>	<p>—</p> <p>0616</p> <p>0616</p> <p>0616</p>	<p>—</p> <p>241-G</p> <p>318-A</p> <p>241-H</p>	

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THIS SECTION PROVIDES A DESCRIPTION OF PREVIOUSLY REPORTED TARGETS SHOWING CHANGE.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
-NORTH VIETNAM-				
MILITARY INSTALLATIONS		25X1A		
VINH YEN AMMUNITION DEPOT 2 NM EAST OF VINH YEN AT UTM WJ658561. SECURED AREA CONTAINS 22 SECURED, REVETTED AMMUNITION STORAGE, 4 POSSIBLE CHEMICAL EXPLOSIVES STORAGE, AND SEVERAL SUPPORT BUILDINGS. THE UNIDENTIFIED CONSTRUCTION ACTIVITY APPARENTLY HAS BEEN ABANDONED. FORTY POL DRUMS AND SEVERAL STACKS OF UNIDENTIFIED MATERIAL IN OPEN STORAGE OBSERVED OUTSIDE SECURED AREA. [REDACTED]	2119N 10538E	[REDACTED]		241-E
25X1D				
VINH YEN MILITARY COMPLEX SEVEN MILITARY AREAS REFERENCED FROM VINH YEN. AREA A (1.1 NM NNE AT UTM WJ640617, VINH YEN ARMY TRAINING AREA NORTH, [REDACTED] 25X1A [REDACTED] -- NOT OBSERVED. AREA B (1.2 NM NNE AT UTM WJ624582, VINH YEN ARMY BARRACKS, [REDACTED] -- 25X1A SECURED BARRACKS AREA CONTAINS 13 BARRACKS, 1 ADMINISTRATION, 10 VEHICLE AND EQUIPMENT STORAGE, 4 MESSHALL, AND 15 SUPPORT BUILDINGS. AREA C (1.2 NM NNE AT UTM WJ638572, VINH YEN ARMY BARRACKS NNE, [REDACTED] -- SECURED BARRACKS AREA CONTAINS 20 BARRACKS, 1 ADMINISTRATION, 6 STORAGE, 3 MESSHALL, AND 15 SUPPORT BUILDINGS AND 14 VEHICLE/EQUIPMENT SHEDS. A SECURED AMMUNITION STORAGE AREA IMMEDIATELY NORTH CONTAINS 3 REVETTED STORAGE BUILDINGS. OB -- 18 VEHICLES.	2120N 10537E	0616		241-A
25X1A	25X1A			

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>ACTIVITY -- 4 UNOCCUPIED 8-GUN AAA TRAINING SITES.</p> <p>AREA D (2 NM EAST AT UTM WJ658561, VINH YEN AMMUNITION DEPOT, [REDACTED] -- NOT OBSERVED.</p> <p>AREA E (1 NM SW AT UTM WJ606549, VINH YEN ARMY BARRACKS SW, [REDACTED] -- NOT OBSERVED.</p> <p>AREA F (3.8 NM NE AT UTM WJ678600, VINH YEN ARMY BARRACKS NE GIA DU, [REDACTED] -- NOT OBSERVED.</p> <p>AREA G (0.8 NM NORTH AT UTM WJ627570) -- NEWLY IDENTIFIED BARRACKS AREA CONTAINS 4 MULTISTORY BARRACKS (2 UNDER CONSTRUCTION), 7 SINGLE-STORY BARRACKS INTERCONNECTED BY CORRIDORS, 1 C-SHAPED PROBABLE BARRACKS, 3 ADMINISTRATION BUILDINGS, 1 SMALL MESSHALL, 6 LARGE AND 4 SMALL VEHICLE SHEDS, AND 5 STORAGE/SUPPORT BUILDINGS.</p> <p>[REDACTED] 25X1D</p> <p>BASIC SERVICES</p> <p>HA NOI -- LAO CAI RR SEGMENT 5 RAILROAD SEGMENT OBSERVED OPERATIONAL FROM 21-18N 105-36E (UTM WJ621565) TO 21-16N 105-40E (UTM WJ705521).</p> <p>ACTIVITY -- 18 PIECES OF ROLLING STOCK AT 21-18N 105-36E (UTM WJ626562) AND 2 LOCOMOTIVES AND 15 PIECES OF ROLLING STOCK AT 21-16N 105-40E (UTM WJ702521) IN VINH YEN RAILROAD YARD.</p> <p>[REDACTED] 25X1A</p> <p>[REDACTED] 25X1D</p>	<p>25X1A</p> <p>25X1A</p> <p>25X1A</p> <p>2110N 10548E</p>	<p>0616</p>		<p>113-G</p>

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>HA NOI -- LAO CAI RR SEGMENT 4 RAILROAD SEGMENT OBSERVED OPERATIONAL FROM 21-18N 105-34E (UTM WJ600568) TO 21-18N 105- 36E (UTM WJ621565), FROM 21-21N 105-18E (UTM WJ310622) TO 21-23N 105-15E (UTM WJ260654), FROM 21-24N 105-13E (UTM WJ235663) TO 21-23N 105-12E (UTM WJ210661), AND FROM 21-24N 105-09E (UTM WJ170678) TO 21-27N 105-06E (UTM WJ110735). A RAIL SPUR EXTENDS SOUTH FROM 21-21N 105-18E (UTM WJ310622). ACTIVITY -- 10 BOX, 12 GONDOLA, 8 FLAT, AND 2 TANK CARS AT 21-21N 105-17E (UTM WJ308622).</p> <p>[REDACTED]</p>	2120N 10520E	0616	'	113-F

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THIS SECTION PROVIDES ORDER OF BATTLE INFORMATION.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-NORTH VIETNAM-</p> <p>AIR</p> <p>HANOI/BAC MAI AIRFIELD OB -- 3 DERELICT AIRCRAFT. ACTIVITY -- 3 CARGO TRUCKS, 3 VAN TRUCKS, 2 CARGO TRAILERS, 4 VAN TRAILERS, AND 6 OTHER VEHICLES. 25X1A</p> <p>25X1D</p> <p>PHUC YEN AIRFIELD OB -- 9 FISHBED, 7 FRESCO (1 WITHOUT TAIL ASSEMBLY), 8 PROBABLE FRESCO, 1 FAGOT/MIDGET, AND 4 UNIDENTIFIED AIRCRAFT. ACTIVITY -- 4 UNIDENTIFIED AIRCRAFT CRATES. 25X1A</p> <p>25X1D</p> <p>GROUND</p> <p>HA NOI ARMY BARRACKS SOUTH QUINH LOI OB -- 3 CARGO TRUCKS, 1 UTILITY TRUCK, AND 3 OTHER VEHICLES. 25X1D</p> <p>VINH YEN VEHICLE MAINTENANCE AREA OB -- 2 CARGO TRUCKS AND 6 UNIDENTIFIED PIECES OF EQUIPMENT. 25X1D</p> <p>VINH YEN MILITARY COMPLEX OB -- 18 VEHICLES. ACTIVITY -- 4 OCCUPIED 8-GUN AAA TRAINING SITES.</p>	2059N 10550E	25X1A		112-E
	2113N 10548E	25X1A		326-C
	2100N 10551E	25X1A		112-P
	2119N 10534E	0616		241-G
	2120N 10537E	0616		241-A

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
MISCELLANEOUS		25X1A		
HA NOI RR STA CLASSIFICATION YARD & SHOPS ACTIVITY -- AT LEAST 323 PIECES OF ROLLING STOCK INCLUDING 18 LOCOMOTIVES, 120 PASSENGER CARS (SOME CAMOUFLAGED), 112 BOX CARS (SOME CAMOUFLAGED), 50 GONDOLA CARS, 12 TANK CARS, AND 11 FLAT CARS. (SEE ATTACHMENT 1) [REDACTED] 25X1D	2101N 10550E	[REDACTED]		112-D
HA NOI -- LAO CAI RR SEGMENT 5 ACTIVITY -- 18 PIECES OF ROLLING STOCK AT 21-18N 105-36E (UTM WJ626562) AND 2 LOCOMOTIVES AND 15 PIECES OF ROLLING STOCK AT 21-16N 105-40E (UTM WJ702521) IN VINH YEN RAILROAD YARD. [REDACTED] 25X1A [REDACTED] 25X1D	2110N 10548E	0616		113-G
HA NOI -- LAO CAI RR SEGMENT 4 ACTIVITY -- 10 BOX, 12 GONDOLA, 8 FLAT, AND 2 TANK CARS AT 21-21N 105-17E (UTM WJ308622). [REDACTED] 25X1A [REDACTED] 25X1D	2120N 10520E	0616		113-F
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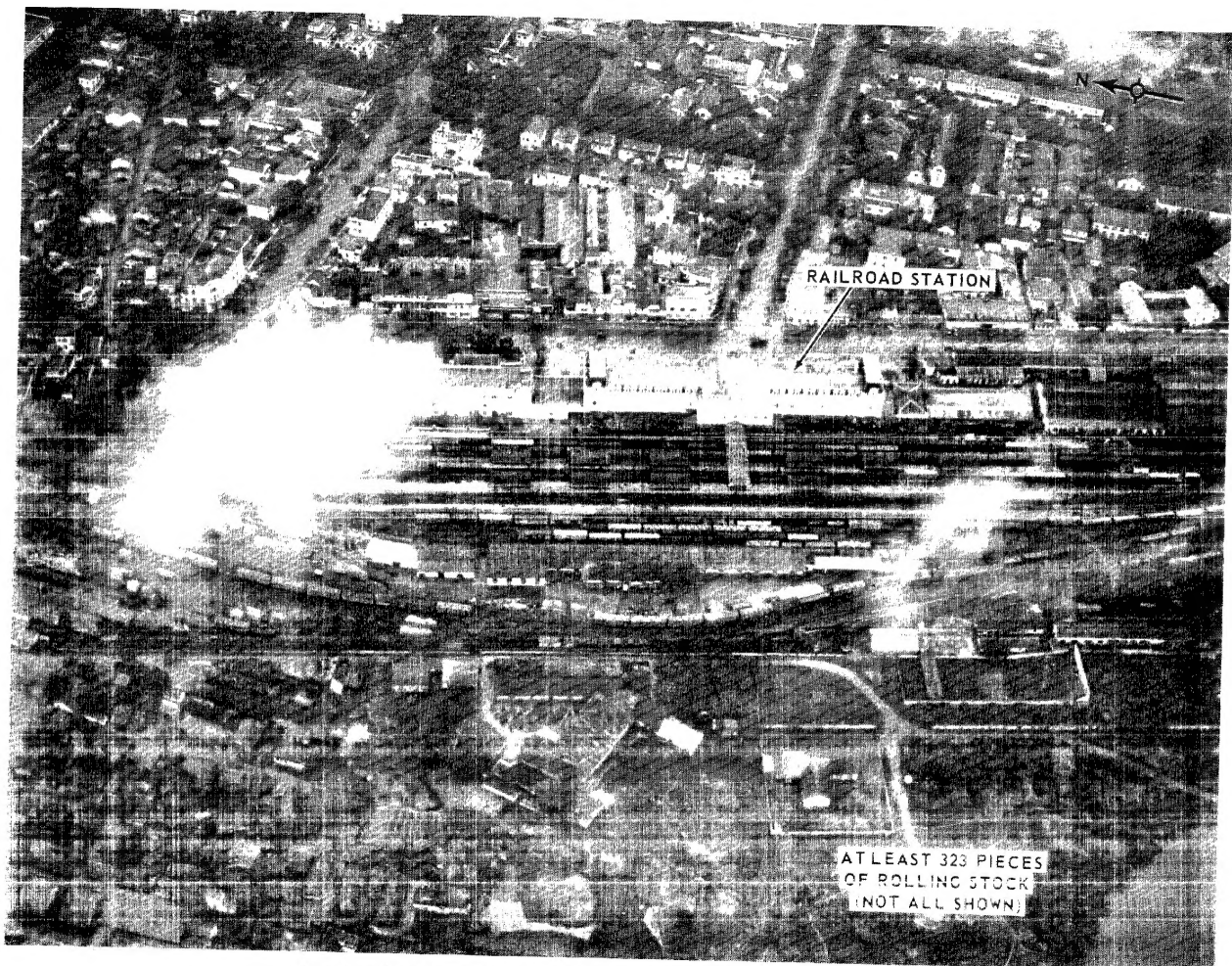
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ATTACHMENT 1



HA NOI RAILROAD STATION CLASSIFICATION YARD AND SHOPS. NORTH VIETNAM.

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